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SCIENTIFIC NEWS.

— Dr. Juan Gundlach, of Cuba, and Herr Leopold Krug, of Porto Rico recently spent a year in exploring the fauna of the latter island, and obtained as the result of their exertions 4 species of bats, 3 of mice, 152 birds, 22 or 23 reptiles, many fresh-water fishes, 188 marine gastropods, 62 marine bivalves, 72 land or fresh-water Mollusca, 52 Crustacea, more than 800 Lepidoptera, including micros, 483 Coleoptera, 75 Orthoptera, 189 Hemiptera, 43 Neuroptera, 166 Hymenoptera, and 162 Diptera. They also secured some arachnids and many myriapods, as well as radiates. Herr Krug is now in Berlin with the whole collection, which will be worked up by specialists, and a general report of the whole will eventually be published.

— Among the recent publications or reprints of Messrs. D. Appleton & Co., which will be of value to naturalists as well as physicists, are the following: Arnott's Elements of Physics or Natural Philosophy. Seventh edition, edited by Alexander Bain and A. S. Taylor. New York, 1877. Prof. E. L. Youman's Class Book of Chemistry on the Basis of the New System, rewritten and revised, with many new illustrations. New York, 1876. W. G. Spencer's Inventional Geometry gives "a series of problems intended to familiarize the pupil with geometrical conceptions, and to exercise his inventive faculty." It is written by the father of Herbert Spencer. Helmholtz's Popular Lectures on Scientific Subjects have been read with the greatest interest by scientists whether biological, geological, or physical in their leanings. One's education as a naturalist will be scarcely complete until he has read the lecture On the Relation of Natural Science to Science in General, and that On the Aim and Progress of Physical Science.

PROCEEDINGS OF SOCIETIES.

CAMBRIDGE ENTOMOLOGICAL CLUB. — December 8, 1876. Mr. Dimmock said that in consideration of the assertion sometimes made, that female canker-moths [*Anisopteryx*] are occasionally carried up into trees by the males flying while in connection with them, he had made some measurements of the relative weight of the males and females, and had found that the females weigh on the average about thirty times as much as the males. These being weak-winged and slow-flying insects, it seems very improbable that the males would be able to support the weight of the females in flying through the air.

Mr. S. H. Scudder exhibited a specimen of *Myrmecophila*, found by Mr. H. K. Morrison in Georgia this year, this being the first specimen the capture of which in this country was authenticated. Mr. Morrison had been unable to recollect under what circumstances the specimen was collected. Dr. T. W. Harris had stated that on one occasion he found